LSPA020E Unknown/unexpected/invalid event returned, Event returned = event number (severity 1)

Explanation: The service received back an event it didn't recognize or expect. The event number is the event id of the event that was returned.

Action: Contact the CLEC service center.

LSPA021E Access To The Requested Data Has Been Denied MCN = string1, ACNA = string2 (severity 4)

Explanation: The Circuit Provisioning Query checks to see if the user is allowed to access the data requested. This done by comparing the MCN or ACNA obtained from the Work Authorization Query with a list of predetermined MCNs and ACNAs assigned to this customer. This message indicates the neither the MCN nor the ACNA associated with this request is among those accessible by this customer. String1 and String2 hold the MCN and ACNA associated with this request.

Action: This is probably the result of a error in the input data provided. Ask the user to verify the input data and try again. If this proves not to be the problem. Ascertain if additional MCNs or ACNAs apply to this customer.

LSPA022E MConnectToSvc failed with an error_string, Service: service_name (severity 2)

Explanation: The LspAccess Service was unable to the named service. The error reason is given in error_string.

Action: Contact the CLEC service center.

LSPA024E Host Application Error: error_string (severity 2)

Explanation: An error occurred on an LspAccess back-end host application. error_string is the host application error message.

Action: Contact the CLEC service center.

Special case: LSPA024E Host Application Error: Requested Circuit Information not found.

Explanation: The Circuit Provisioning query failed because the requested query could not find a match.

Action: The user should validate input and try again.

LSPA029E Authorization failed. writ_auth is not y or Y (severity 2)

Explanation: Client's input structure for the CSR transaction did not set the writ_auth field to y or Y to indicate that they have the customer's written authorization for their information.

Action: The writ_auth field must be populated with a "Y", if access is to be granted.

LSPA031E Unable to allocate memory (severity 2)

Explanation: The application was unable to allocate new memory.

Action: Problems exist allocating memory. Contact the CLEC service center.

LSPA032E Data not found. Input WTN has no associated BTN (severity 2)

Explanation: The service failed to find a Billing Telephone Number for the input Working Telephone Number.

Action: Verify the input WTN and resubmit the request. If the client feels that the WTN is correctly entered but the message is still returned, contact the CLEC service center.

Test Data

Cross-Platform

For testing: Address Validation, Telephone Number Selection, PIC List, Dispatch (NPANNX: see below), Due Date, Service Availability, and Customer Service Record.

Legend

AHN	Assigned House Number	Disp	Dispatch Technician
Stat	Status	CW	Construction Work
Req	Requested Facilities	Spa	Spare Facilities
Enc	Encapsulated	Def	Defective Facilities
Fac	Existing Facilities	GA	Guard Area

* SAGA="SL" have a ZIP code of 63017. Use of 63017 in the Address Validation input structure yields a choice of two SAGAs "SL" and "SUBA".

† A list of AHNs or a hit would normally be received when a "W" is placed in the status field in the Address Validation input structure. For testing purposes the AHN can be placed in the ahn field in the input structure.

‡ No associated CSR data

INPUT (Dispatch: NPANNX=314532) **DISPATCH OUTPUT**

[redacted]	Address	[redacted]	AHN†	[redacted]	Community	[redacted]	Req	[redacted]	Fac	[redacted]	CW	[redacted]	Def	[redacted]
[redacted]	1502 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1503 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1504 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1505 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1506 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1509 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1510 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1511 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1512 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	1	[redacted]	0	[redacted]	-1	[redacted]
							>1		1		1		0	
[redacted]	1514 Walpole Dr	[redacted]		[redacted]		[redacted]	≥1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1515 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1516 Walpole Dr	[redacted]		[redacted]		[redacted]	<3	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							≥3		0		1		0	
[redacted]	1520 Walpole Dr	[redacted]		[redacted]		[redacted]	≥1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1521 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1522 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	
[redacted]	1523 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1		0		1		0	

INPUT (Dispatch: NPANNX=314532) **DISPATCH OUTPUT**

[redacted]	Address	[redacted]	AHN†	[redacted]	Community	[redacted]	Req	[redacted]	Fac	[redacted]	CW	[redacted]	Def	[redacted]
[redacted]	1524 Walpole Dr	[redacted]		[redacted]		[redacted]	<4	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							≥4	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1525 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1528 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1529 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1601 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1601 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1601 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1601 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1603 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1603 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1603 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1603 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1609 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	1	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	1	[redacted]
[redacted]	1609 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1609 Walpole Dr	[redacted]		[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	1609 Walpole Dr	[redacted]		[redacted]		[redacted]	>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	[redacted], Chesterfield	[redacted]	702	[redacted]		[redacted]	≥1	[redacted]	0	[redacted]	0	[redacted]	24	[redacted]
							≥124	[redacted]	0	[redacted]	1	[redacted]	24	[redacted]
[redacted]	[redacted], Chesterfield	[redacted]	705	[redacted]		[redacted]	≥1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							≥9	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	[redacted], Chesterfield	[redacted]	706	[redacted]		[redacted]	=1	[redacted]	1	[redacted]	0	[redacted]	-1	[redacted]
							≥1	[redacted]	1	[redacted]	0	[redacted]	0	[redacted]
							≥9	[redacted]	1	[redacted]	1	[redacted]	0	[redacted]
[redacted]	[redacted], Chesterfield	[redacted]	720	[redacted]		[redacted]		[redacted]		[redacted]		[redacted]		[redacted]
[redacted]	[redacted], Chesterfield	[redacted]	2100	[redacted]		[redacted]	=1	[redacted]	0	[redacted]	0	[redacted]	0	[redacted]
							>1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	[redacted], Chesterfield	[redacted]	2105	[redacted]		[redacted]	≥1	[redacted]	0	[redacted]	1	[redacted]	0	[redacted]
[redacted]	[redacted], Chesterfield	[redacted]	2106	[redacted]		[redacted]	≥1	[redacted]	0	[redacted]	0	[redacted]	2	[redacted]
							≥9	[redacted]	0	[redacted]	1	[redacted]	2	[redacted]
[redacted]	[redacted], St Louis County	[redacted]	19607	[redacted]		[redacted]	≥1	[redacted]	0	[redacted]	0	[redacted]	18	[redacted]
							≥29	[redacted]	0	[redacted]	1	[redacted]	18	[redacted]
[redacted]	[redacted], St Louis County	[redacted]	19608	[redacted]		[redacted]	=1	[redacted]	1	[redacted]	0	[redacted]	-1	[redacted]
							>1	[redacted]	1	[redacted]	1	[redacted]	0	[redacted]

Test Data: Cross-Platform

INPUT (Dispatch: NPANNX=314532) **DISPATCH OUTPUT**

Address	AHN†	Community	Req	Fac	CW	Def
, St Louis County	19609		≥1	0	1	0
Chesterfield Airport Rd	1		≥1	0	0	0
			≥8	0	1	0
Chesterfield Airport Rd	2		≥1	0	0	2
			≥22	0	1	2
Clarkson Rd	703					
Old Olive Street Rd	1		≥1	0	0	11
			0	1	7	0
Valley Lane		Clarkson Valley				
16002 Aston Ct			=1	0	0	1
			>1	0	1	1
16008 Aston Ct			=1	1	0	-1
			>1	1	1	0
16009 Aston Ct			=1	0	0	0
			>1	0	1	0
16014 Aston Ct			>1	0	1	0
16020 Aston Ct			=1	1	0	-1
			>1	1	1	0
16026 Aston Ct			=1	1	0	-1
			>1	1	1	0
16027 Aston Ct			=1	0	0	0
			>1	0	1	0
16030 Aston Ct			=1	0	0	0
			>1	0	1	0
16021 Aston Ct			=1	0	0	0
			>1	0	1	0

INPUT (Dispatch: NPANNX=913451) **DISPATCH OUTPUT**

Address	AHN†	Community	Req	Fac	CW	Def
8205 W 108 Terr,Rm 1,Flr 1			<3	2	0	-1
			=3	2	1	0
			>3	2	1	0
8215 W 108 Terr,Flr 4			<3	0	0	2
			≥3	0	1	2
8320 W 108 Terr,Apt E			=1	1	0	-1
			<4	1	0	1
			≥4	1	1	1
8324 W 108 Terr,Apt F			<3	2	0	-1
			=3	2	0	1
			>3	2	1	1

Other Cross-Platform Test Data for: Address Validation, Telephone Number Selection, PIC List, and Dispatch

Address	SAGA	NPANNX	TCATs
2302 Main	63101	902924	1FT,1ET
2340 Main	63101	902924	1FT,1ET
2400 Main	63101	902924	1FT,1ET
159 Classen	63101	902924	1FT,1ET
199 Classen	63101	902924	1FT,1ET
9058 Hackney	63101	902924	1FT,1ET
10322 Barrone	63101	902924	1FT,1ET
11000 Cactus	63101	902924	1FT,1ET
11025 Cactus	63101	902924	1FT,1ET
8510 Capri	63101	902924	1FT,1ET
8514 Bacardi	63101	902924	1FT,1ET
11313 Carissa Dr	63101	902924	1FT,1ET
11315 Carissa Dr	63101	902924	1FT,1ET
12000 Brookmeadow	63101	902924	1FT,1ET
12114 Brookmeadow	63101	902924	1FT,1ET
12330 Brookmeadow	63101	902924	1FT,1ET
1212 Winrock	63101	902924	1FT,1ET
1214 Winrock	63101	902924	1FT,1ET

Other Cross-Platform Test Data for: Service Availability, Due Date

Telephone Number
314 235 3133
314 521 3864
314 296 7592
314 434 1445
314 721 8439
915 565 8465
314 837 7779

Single Platform

Test Data for: Address Validation, Telephone Number Selection, PIC List

Address	SAGA	TCATs	Community
1 Main St	63052*	LSPE	Jefferson County
1101 Main St	63052*	LSPE	Jefferson County
1198 Main St	63052*	LSPE	Jefferson County
555-1/2 Green Forest Dr	63026	LSPE	St Louis County

Note: Entering this will generate events 420/429, which will ask the client to choose either SL or SUBA for a street address guide area (SAGA). Choose SUBA. (For testing purposes, SUBA can be entered rather than a ZIP code.)

Test Data for: Customer Service Record

Telephone Number
573 392 9669
512 218 0025

Address Validation / PIC List and Reserve Telephone Number(s)

This test data will return most of the possible PREMIS error messages. Notes:

- *null* means that the client should not pass any data in this field.
- Anything in quotes should be sent as a single field.

REQ PREM transactions

Format:
SAGA address apartment telephone# community status carrier_info

No error message: 63128 "4444 Mattis" *null null null null* 1
Error Message 01: frank "1 Anywhere" *null null null null* 1
Error Message 02: 63128 "421 High Hills" *null null null null* 1
Error Message 03: 63128 "● High Hi" *null null null null* 1
Error Message 04: 63128 "1 Wood" *null null null null* 1
Error Message 05: 63128 "225 Main" *null null null null* 1
Error Message 06: 63128 *null null* 3144640000 *null null* 1
Error Message 07: SUBA "2030 San Pedro" *null null null null* 1
Error Message 08: SL "2121 Tenbrook" A *null null null* 1
Error Message 09: 63128 "5050 Mattis Rd" *null null null null* 1
Error Message 10: 63128 *null null* 3145555555 *null null* 1
Error Message 11: 12345 "1 Anywhere" *null null null null* 1
Error Message 12: 63128 "445 Mattis" *null null null null* 1
Error Message 13: SL "4700 South Pointe Dr" *null null null null* 1
Error Message 14: 63010 "2030 San Pedro" *null null null null* 1
Error Message 19: 63128 "1Anywhere" *null null null null* 1
Error Message 26: SUBA "● Jeff" *null null null* W 1
Error Message 27: SL "● Pinewood Apts" *null null null null* 1
Error Message 29: SL "● Highway H" *null null null* W 1
Error Message 30: SL "● Romaine Creek Apts" *null null null* X 1
Error Message 68: 63117 "● Highway" *null null null* X 1
Error Message 70: SL "● Howard" *null* 3143435892 *null null* 1
Error Message 71: SUBA "2030 San Pedro" *null* 3144643856 "Franklin" *null* 1
Error Message 83: SL "13 North Ridge Trail" *null null null null* 1
Error Message 99: 63128 "4444 Mattis Rd" *null null* "Franklin County" *null* 1

REQ TNS transactions

- DataGate always proceeds this with a REQ PREM.
- The REQ TNS transaction requires that a REQ PREM be done first for address validation. Addresses are considered valid if no error message or the Error Messages (found in the addl_info1 and addl_info2 fields) 7,8,9,13,30,65,71,83, or 99 are received. Therefore, to test properly each one of these Error Messages should be tested against.
- The REQ TNS can itself receive error messages. These are described after the first set of transactions.
- It is important that you keep track of the selected phone numbers received. These will have to be returned to the pool of phone numbers with a REQ MTNR transaction.

Format:
SAGA address apartment telephone# community status carrier_info tcat line# billingdate npa nnx ahn

No REQ PREM error message: SUBA "2030 San Pedro" 10 *null null null* 1 1FT *null null null null*
REQ PREM Error Message 07: SUBA "2030 San Pedro" *null null null null* 1 1FT *null null null null*
REQ PREM Error Message 08: SL "2121 Tenbrook" A *null null null* 1 1FT *null null null null*
REQ PREM Error Message 09: 63128 "5050 Mattis Rd" null null null null 1 1FT null null null null
REQ PREM Error Message 09: 63128 "5050 Mattis Rd" null null null null 1 1FT null null null null
REQ PREM Error Message 13: SL "4700 South Pointe Dr" null null null null 1 1FT null null null null
REQ PREM Error Message 30: SL "@ Romaine Creek Apts" null null null X 1 1FT null null null null
REQ PREM Error Message 71: SUBA "2030 San Pedro" null 3144643856 "Franklin" null 1 1FT null null null null
REQ PREM Error Message 83: SL "13 North Ridge Trail" null null null null 1 1FT null null null null
REQ PREM Error Message 99: suba "2030 San Pedro" 10 null "Franklin County" null 1 1FT null null null null

No REQ TNS error message: SUBA "2030 San Pedro" 10 null null null 1 1FT null null null null
REQ TNS Error Message 30: 63128 "4444 Mattis" null null null null 1 1FT Q null null null
REQ TNS Error Message 38: 63128 "4444 Mattis" null null null null 1 1FT null null null null
REQ TNS Error Message 40*
REQ TNS Error Message 43: 63128 "4444 Mattis" null null null null 1 JUNK null null null null
REQ TNS Error Message 46: SUBA "2030 San Pedro" 10 null null null 1 1ET null 14 null null
REQ TNS Error Message 47(a): SUBA "2030 San Pedro" 10 *null null null* 1 1FT *null null* 214 *null*
REQ TNS Error Message 47(b): SUBA "2030 San Pedro" 10 *null null null* 1 1FT *null null null* 267
REQ TNS Error Message 48: SL "@ St Charles St" *null null* "St Charles County" X 1 1ET *null null null null* 1
REQ TNS Error Message 50*
REQ TNS Error Message 63: SUBA "2030 San Pedro" 10 *null null null* 1 1ET *null null* 214 467
REQ TNS Error Message 72: SL "@ St Charles St" *null null null* X 1 1ET *null null null null*
REQ TNS Error Message 90: Enter 47(a) followed by 47(b) above.

- Due to address verification requirements, we should not receive this error message.

REQ MTNS transactions

- DataGate always proceeds this with a REQ PREM.
- The REQ MTNS transaction requires that a REQ PREM be done first for address validation. Addresses are considered valid if no error message or the Error Messages 7,8,9,13,30,65,71,83,or 99 are received. Therefore to test properly each one of these Error Messages should be tested against.
- The REQ MTNS can itself receive error messages. These are described after the first set of transactions.
- It is important that you keep track of the selected phone numbers received. These will have to be returned to the pool of phone numbers with a REQ MTNR transaction.

Format:
SAGA address apartment telephone# community status carrier_info tcat line# billingdate npa nnx ahn

No REQ PREM error message: SUBA "2030 San Pedro" 10 *null null null* 1 1FT 5 *null null null*
REQ PREM Error Message 07: SUBA "2030 San Pedro" *null null null null* 1 1FT 5 *null null null*
REQ PREM Error Message 08: SL "2121 Tenbrook" A *null null null* 1 1FT 5 *null null null*
REQ PREM Error Message 09: 63128 "5050 Mattis Rd" *null null null null* 1 1FT 5 *null null null*
REQ PREM Error Message 13: SL "4700 South Pointe Dr" *null null null null* 1 1FT 5 *null null null*
REQ PREM Error Message 30: SL "● Romaine Creek Apts" *null null null* X 1 1FT 5 *null null null*
REQ PREM Error Message 71: SUBA "2030 San Pedro" *null* 3144643856 "Franklin" *null* 1 1FT 5 *null null null*
REQ PREM Error Message 83: SL "13 North Ridge Trail" *null null null null* 1 1FT 5 *null null null*
REQ PREM Error Message 99: suba "2030 San Pedro" 10 *null* "Franklin County" *null* 1 1FT 5 *null null null*

No REQ MTNS error message: SUBA "2030 San Pedro" 10 *null null null* 1 1FT 5 *null null null*
REQ Error Message 30: 63128 "4444 Mattis" *null null null null* 1 MTNS 1FT Q *null null null*
REQ MTNS Error Message 38: 63128 "4444 Mattis" *null null null null* 1 1FT 5 *null null null*
REQ MTNS Error Message 40*
REQ MTNS Error Message 43: 63128 "4444 Mattis" *null null null null* 1 JUNK 5 *null null null*
REQ MTNS Error Message 46: SUBA "2030 San Pedro" 10 *null null null* 1 1ET 5 14 *null null*
REQ MTNS Error Message 47(a): SUBA "2030 San Pedro" 10 *null null null* 1 1FT 5 *null* 214 *null*
REQ MTNS Error Message 47(b): SUBA "2030 San Pedro" 10 *null null null* 1 1FT 5 *null null* 267
REQ MTNS Error Message 48: SL "● St Charles St" *null null* "St Charles County" X 1 1ET 5 *null null null* 1
REQ MTNS Error Message 50*
REQ MTNS Error Message 55: Enter 47(a) followed by 47(b) above.
REQ MTNS Error Message 63: SUBA "2030 San Pedro" 10 *null null null* 1 1ET 5 *null* 214 467
REQ MTNS Error Message 72: SL "● St Charles St" *null null null* X 1 1ET 5 *null null null*

- Due to address verification requirements, we should not receive this error message.

REQ MTNR transactions

- DataGate always proceeds this with a REQ PREM.

Format:
SAGA address apartment telephone# community status carrier_info object npa nnx ext1 ext2 ext3 ext4 ext5

For example if you executed a REQ MTNS transaction requesting three telephone numbers:
SUBA "2030 San Pedro" 10 *null null null* 1 1FT 3 *null null null*
and received the following:
NPA: 314 NNX: 467 Extensions: 1234/2345/3456
your test transaction would look like this:
SUBA "2030 San Pedro" 10 *null null null* 1 MTNR 314 467 1234 2345 3456 *null null*

Dispatch

Anything in quotes should be sent as a single field.

Format: number address wire_center number_of_requested_facilities

Test Case: DISP=N

Input: 9058 hackney 902924 2

Results	
Facilities	2
Spares	-1
Defective	-1
Dispatch	0
Encapsulated	0
Guard Area	0
Construction Work	0

Test Case: DISP=N, ENCAP

Input: 12000 brookmeadow 902924 1

Results	
Facilities	2
Spares	-1
Defective	-1
Dispatch	0
Encapsulated	1
Guard Area	0
Construction Work	0

Test Case: DISP=Y

Input: 8514 bacardi 902924 3

Results	
Facilities	0
Spares	99
Defective	0
Dispatch	1
Encapsulated	0
Guard Area	0
Construction Work	0

Test Data: Dispatch

Test Case: DISP=Y, CONST WK

Input: 9058 hackney 902924 5

Results	
Facilities	2
Spares	0
Defective	2
Dispatch	1
Encapsulated	0
Guard Area	0
Construction Work	1

Test Case: DISP=Y, ENCAP, CONST WK

Input: 2340 main 902924 3

Results	
Facilities	1
Spares	-1
Defective	-1
Dispatch	1
Encapsulated	1
Guard Area	0
Construction Work	1

Test Case: DISP=Y, ENCAP, PCF indicated

Input: 16030 "aston ct" 314532 1

Results	
Facilities	0
Spares	1
Defective	0
Dispatch	1
Encapsulated	1
Guard Area	0
Construction Work	0

Test Case: DISP=Y, ENCAP, PCF indicated, CONST WK

Input: 16030 "aston ct" 314532 2

Results

Facilities	0
Spares	1
Defective	0
Dispatch	1
Encapsulated	1
Guard Area	0
Construction Work	1

Test Case: GUARD AREA

Input: 9 geyer 314231 1

Results

Facilities	0
Spares	98
Defective	35
Dispatch	1
Encapsulated	0
Guard Area	1
Construction Work	0

Advanced Intelligent Network (AIN)

SMS Query Event 900

view_type	username	tn	date	aecn
C	AAAAAA	3142354444	01121997	9999
C	AAAAAA	3142355555	01121997	9999

• where AAAAAA is the UserID of the originator.

SPACE Query Event 901

view_type	username	tn	date	aecn
A	AAAAAA	3142354444	01121997	9999
A	AAAAAA	3142355555	01121997	9999

• where AAAAAA is the UserID of the originator.

AIN Update Request Event 910

data for initial update *(although this is shown in a table, data is a continuous string without spaces)*

```
*C3(FT=PRE;
    TT=SO;
    OT=C;
    ORDNO=111111;
    MT=F;
    TRN=1;
    TSYS=LSPDG;
    RSYS=SMSA;
    PRI=+4;
    WC=314235;)%
*ODR(
    DIFF=N;
    CS=BUS;
    DD=970101;
AECN=9999;)%
*RSC(
    REC(
        CTL(
            CTC=C;
            CTID=TN(3142354444];
        )
        ACL(
            ACT=O;
            CTID=TN(3142354444];
            TN=3142354444;
            AINS(
                AINID=SCMBX;
            )
            AINS(
                AINID=URO;
                LRS=OPDA;
            )
```

Event 910, continued

```
        }
        ACL{
            ACT=N;
            CTID=TN[3142354444];
            TN=3142354444;
            AINS{
                AINID=SCMBX;
                #CAR1=1111111;
                #CAR1=2222222;
                #CAR1=3333333;
                #CAR1=4444444;
                #CM11=COMMENT FOR ACCESS CODE 1111111;
                #CM11=COMMENT FOR ACCESS CODE 2222222;
                #CM11=COMMENT FOR ACCESS CODE 3333333;
                #CM11=COMMENT FOR ACCESS CODE 4444444;
                #CAR2=3142351111;
                #CAR2=3142352222;
                #CAR2=3142353333;
                #CAR2=3142354444;
                #CM21=COMMENT FOR CPN 3142351111 COL 1;
                #CM21=COMMENT FOR CPN 3142352222 COL 1;
                #CM21=COMMENT FOR CPN 3142353333 COL 1;
                #CM21=COMMENT FOR CPN 3142354444 COL 1;
            }
            AINS{
                AINID=URO;
                LRS=OPDA;
            }
        }
    }
}%
```

data for subsequent updates *(although this is shown in a table, data is a continuous string without spaces)*

```
*C3(FT=COR;
    TT=SO;
    OT=C;
    ORDNO=111111;
    CORS=A;
    MT=F;
    TRN=2;
    TSYS=LSPDG;
    RSYS=SMSA;
    PRI=+4;
    WC=314235;)%
*ODR{
    DIFF=N;
    CS=BUS;
    DD=970101;
AECN=9999;}%
*RSC{
    REC{
        CTL{
            CTC=C;
            CTID=TN[3142354444];
        }
        ACL{
            ACT=O;
            CTID=TN[3142354444];
```

Event 910, continued

```
            TN=3142354444;
            AINS{
                AINID=SCMBX;
            }
            AINS{
                AINID=URO;
                LRS=OPDA;
            }
        }
        ACL{
            ACT=N;
            CTID=TN[3142354444];
            TN=3142354444;
            AINS{
                AINID=SCMBX;
                #CAR1=9111111;
                #CAR1=9222222;
                #CAR1=9333333;
                #CAR1=9444444;
                #CM11=COMMENT FOR ACCESS CODE 9111111;
                #CM11=COMMENT FOR ACCESS CODE 9222222;
                #CM11=COMMENT FOR ACCESS CODE 9333333;
                #CM11=COMMENT FOR ACCESS CODE 9444444;
                #CAR2=3142359111;
                #CAR2=3142359222;
                #CAR2=3142359333;
                #CAR2=3142359444;
                #CM21=COMMENT FOR CPN 3142359111 COL 1;
                #CM21=COMMENT FOR CPN 3142359222 COL 1;
                #CM21=COMMENT FOR CPN 3142359333 COL 1;
                #CM21=COMMENT FOR CPN 3142359444 COL 1;
            }
            AINS{
                AINID=URO;
                LRS=OPDA;
            }
        }
    }
)%
```

AIN Update Cancel Event 912

data *(although this is shown in a table, data is a continuous string without spaces)*

```
*C3(FT=CAN;
    TT=SO;
    OT=C;
    ORDNO=111111;
    CORS=A;
    MT=F;
    TRN=3;
    TSYS=LSPDG;
    RSYS=SMSA;
    PRI=+4;
    WC=314235;
)%
```

acen

9999

AIN Results Retrieval Request Event 920

acen

9999

Troubleshooting

Model of a Working Connection

A client requests a service with an MConnectToSvc command. Within the MConnectToSvc the following happens:

1 A call is made to the Directory Service through the user's and SWBT's firewall. The user's request comes through port 7800 of SWBT's firewall.

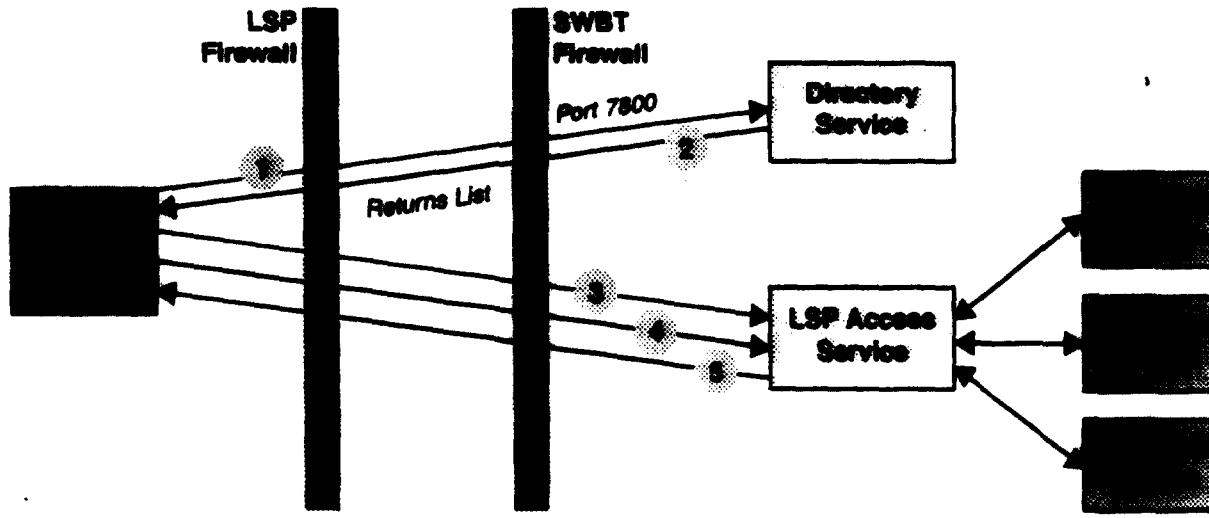
2 The Directory Service returns a list of LspAccess services, sorted from closest to furthest.

3 A call is made to an LspAccess service to open a connection through ports 7851-9 in SWBT's firewall.

When the connection to the service is established, the following happens:

4 The client issues an MSendMsg to send the request. The LspAccess service accesses one or more back end services and

5 returns a response to the client.



Client Receives a DIRECTORY_SERVICE_CONNECT_CALL_FAILED

There are two possible explanations:

1 The user's firewall is not allowing the client to reach the Directory Service. The user should check with their security department to see if access is allowed to the machine(s) on which our Directory Service resides.

2 The SWBT firewall is not allowing the client to reach the Directory Service. This will happen if port 7800 (the port on which the Directory Service listens) is not configured in the firewall as a port that can be accessed from outside of the firewall. The user should check the Directory Service IP address in their datagate.ini file. Valid Directory Services for LspAccess as of the time of publication are:

   Production:

   - 155.179.58.116 (thlsp1)
   - 155.179.132.124 (thprod6)
   - 132.201.38.141 (chprod6)

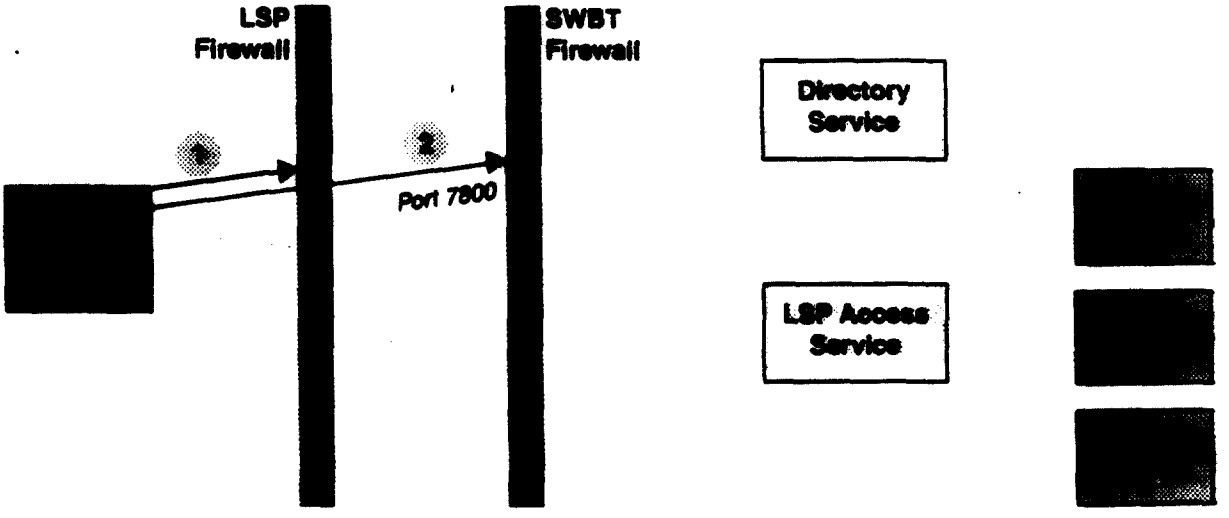
   Test:

   - 132.201.81.167 (chd1)
   - 132.201.81.168 (chd2)

   If the Directory Service IP address is correct, contact the security group and have them check the machine IPs where the Directory Service resides to ensure that the IPs are set up with access through port 7800 in the firewall. Security will need to know the user's IP address to configure the firewall.

   If the Directory Service IP address is incorrect, the user should modify the entries. The client must be ended and restarted before attempting to connect to the Directory Service again.

The client may verify that this error message is correct by attempting to telnet into the machine(s) to see if it can get to a Directory Service. For example, telnet to 132.201.81.168 7800. If it cannot telnet to a Directory Service and the Directory Service IP address is correct in the datagate.ini file, one of the firewalls may be blocking the client.



Client Receives a CALL_CONNECT_FAILED

This error normally indicates a problem with a firewall. When a client uses the MConnectToSvc call, the following occurs:

1 The client connects to the Directory Service (as determined in the client's datagate.ini file) through the firewall on port 7800 and requests the LspAccess service.

2 The Directory Service returns a list of LspAccess services, sorted from closest to furthest.

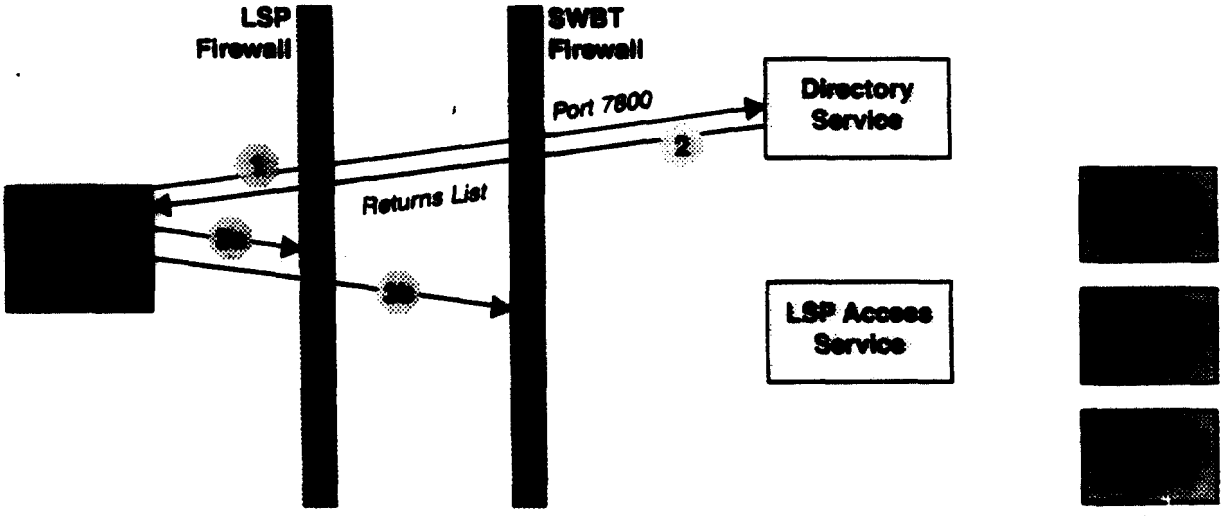
3 The client tries to connect to one of these services but receives a CALL_CONNECT_FAILED. There are two possible explanations for this error:

   a One or more of the LspAccess services residing on a machine where the client ports are not opened up in the firewall. Because the Directory Service will pass a list of available LspAccess services, the problem may manifest itself as an occasional problem. The problem will be more noticeable when more LspAccess services are running on machines that are not set up with their firewall. They will need to contact their security group and have them check on the machine IPs where the LspAccess services reside and make sure that their IPs are set up with access through ports 7851-9 in the firewall.

   b There are two possible explanations:

      I One or more of the LspAccess services residing on a machine where our ports are not opened up in our firewall. Because Directory Service will pass a list of available LspAccess services, the problem may appear as an occasional problem. The problem will be more noticeable when more LspAccess serivces are running on machines that are not set up in our firewall. You will need to contact our security group and have them check on the machine IPs that the LspAccess services reside and ensure that the client's and our IPs are setup with access through ports 7851-9 in our firewall.

      II The service was not brought up using ports 7851-9. The start up runstreams (shell scripts) should specify the port number for the service as the first parameter after the 'lspaccessmgr'. If they do not have this parameter, they will take any available port and these are not set up for use through the firewall. You will need to check (with a ctl_rsrc -l) to see what ports the LspAccess services is listening on, if other than 7851-9 then anyone outside of the firewall will not be able to get to it. Also, check/correct the shell scripts, if needed.



Client Receives a MSGAPI_TIMEOUT

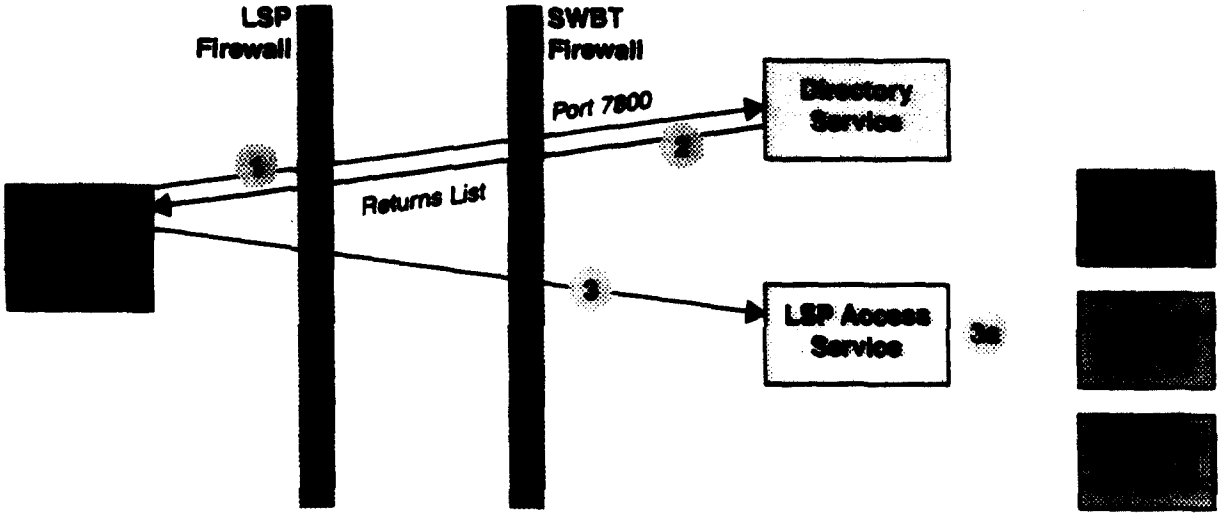
This error generally occurs when a client sends a request and the back end (legacy) service fails to respond. Regardless of the possible cause, the user should report the event and other pertinent information to identify the failed request to the CLEC service center. DataGate Product Support should examine the appropriate LspAccess and backend service log files for information.

1 The client connects to the Directory Service (as determined in the client's datagate.ini file) through the firewall on port 7800 and requests the LspAccess service.

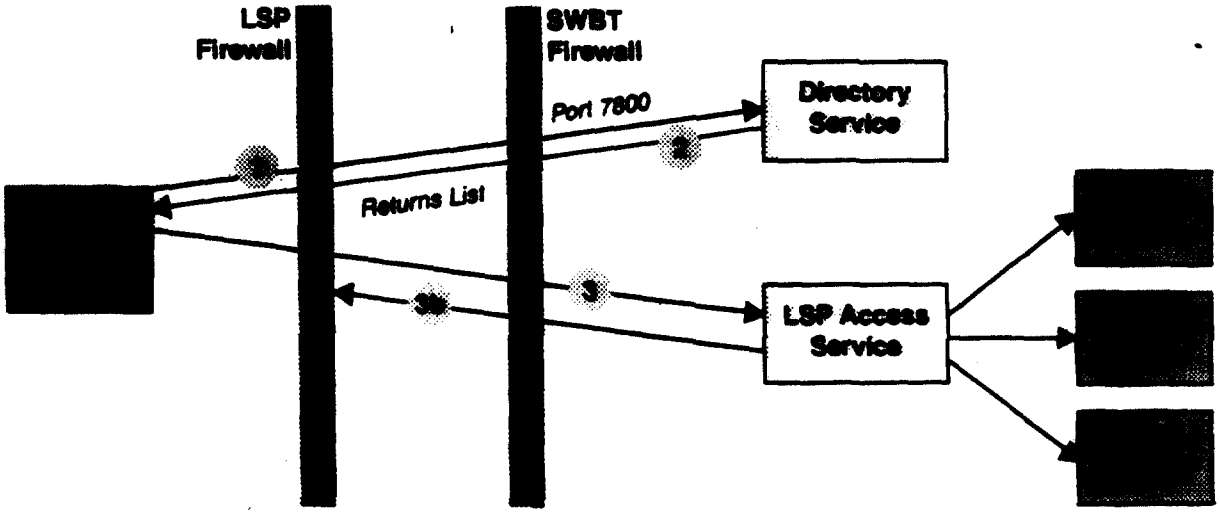
2 The Directory Service returns a list of LspAccess services, sorted from closest to furthest.

3 The client requests a service but receives a MSGAPI_TIMEOUT. There are three possible explanations for this error:

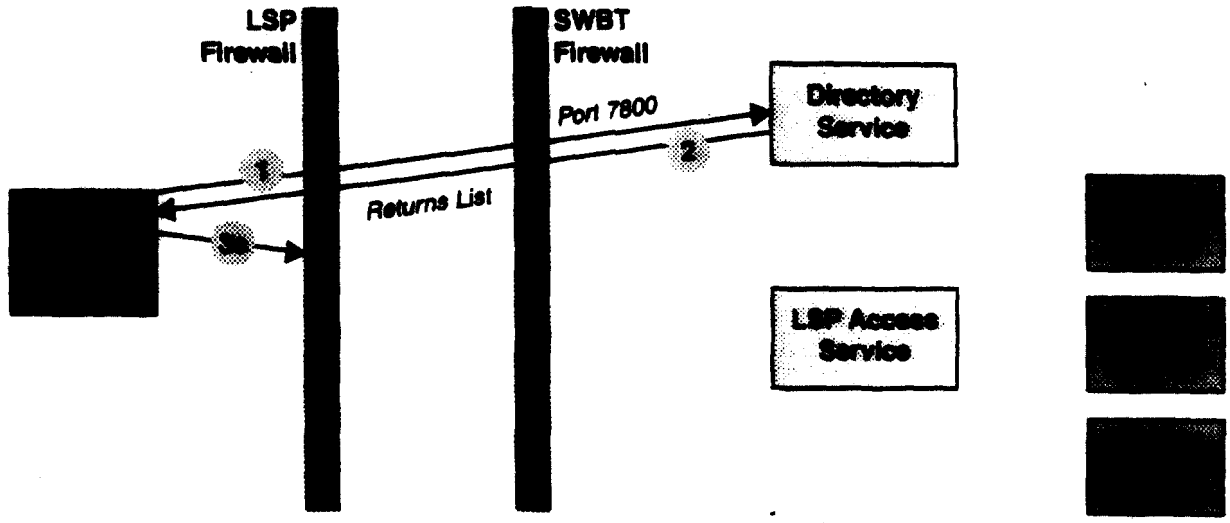
a The backend service may have queued the message but been unable to log onto the backend system.



b The user's firewall will not allow a response back from LspAccess. If you turn on additional stats for the Directory Service, you will see the client hit the Directory Service. Looking at the LspAccess log file will not show any of the user's activity.



c The client's firewall will not allow a request out and does not return an error. If you turn on additional stats for the Directory Service, you will see the client hit the Directory Service. Looking at the LspAccess log file will not show any of the user's activity.



This error can also occur if, in rare circumstances, a part of the firewall is not open for all ports on all machines.

Attachment G
February 1998

SWB EDI GATEWAY UNBUNDLED NETWORK

ELEMENTS FLOW-THROUGH PHASES

Phase 1: Target implementation date is April 30, 1998, and excludes all hunting and/or billed-on telephone numbers. This phase will address the following:

- New activity for 5db Loop
- New activity for 8db Loop
- New activity for Analog Line Side Port
- Conversion of a Resale Single Line to Unbundled Network Elements ("UNE") 5db Loop with Analog Line Side Port
- Conversion of a Retail Single Line to UNE 5db Loop with Analog Line Side Port
- Conversion of a Resale Single Line to UNE 8db Loop with Analog Line Side Port
- Conversion of a Retail Single Line to UNE 8db Loop with Analog Line Side Port

Phase 2: Target implementation date is contingent upon the development/completion of Phase 1 and includes Regular and Multi Line Hunting but excludes billed-on telephone numbers. This phase will address the following:

- New activity of Multi Line Analog Line Side Ports (1-10 lines)
- Conversion of Resale Multi Line to UNE Multi Line Analog Line Side Ports (1-10 lines)
- Conversion of a Retail Multi Line to a UNE Multi Line Analog Line Side Ports (1-10 lines)

Phase 3: Target implementation date is contingent upon the development/completion of Phase 2, and includes Regular and Multi Line Hunting but excludes billed-on telephone numbers. This phase will address the following:

- Change Activity on existing UNE Single Line or Multi Line 5db Loop with Analog Line Side Port of individual Loop or Port (if applicable)
    1) Add or delete features
    2) Change NCI codes
    3) Add or delete lines in Hunt Group without changing the type of hunting
    4) Change from Single Line hunting to Multi Line hunting
- Change Activity on existing UNE Single Line or Multi Line 8db Loop with Analog Line Side Port or individual Loop or Port (if applicable)
    1) Add or delete features
    2) Change NCI codes
    3) Add or delete lines in Hunt Group without changing the type of hunting
    4) Change from Single Line hunting to Multi Line hunting

Examples of Electronic Interfaces Enhancements

Attachment H
February 1998

SWB OSS CLEC PROBLEM/REQUEST	SWB RESOLUTION
DATAGATE	
CLEC requested that documentation be changed on address validation function to match information messages and expected results. (March 1997)	Changes were made to the documentation. (March 1997)
CLEC requested test data for pre-order functions. (March 1997)	SWB changed documentation to add test data. (March 1997)
CLEC requested explanation of address validation and telephone number selection business rules. (March 1997)	SWB provided CLEC with answers. The next release of the documentation incorporated further explanations (April 1997)
CLEC requested test data that could be used across all pre-order functions. (March 1997)	SWB updated back office legacy systems with test data which could be used across all functions. Sample test data was documented. (April 1997)
CLEC requested a full listing of thoroughfare names, street address guide area mnemonics, and other information regarding address validation function. (March 1997)	SWB provided CLEC a paper copy. The next release of documentation incorporated the listings and additional information. (April 1997)
CLEC requests that our user-id field be enlarged. (March 1997)	SWB made changes to the code and documentation. (June 1997)
CLEC requested that additional account summary information, service and equipment association with a billing telephone number (not a working telephone number), all working telephone numbers under a billing telephone number, all bill-ons associated with a billing telephone number, additional listing information be provided on a call to the CSR function. CLEC also requested the ability to retrieve an entire account using only a single working telephone number for input. (April 1997)	SWB enhanced CSR to provide additional information. (May 1997)
CLEC requested information on DataGate version control be documented. (May 1997)	SWB made changes to documentation to add section on version control. (May 1997)
CLEC requested that back office end legacy messages be documented for the Dispatch function. (May 1997)	SWB made changes to documentation. (May 1997)
CLEC requested that additional location specific fields be passed back on the address validation function. (May 1997)	SWB made change to return location fields. Documentation updated. (June 1997)

Examples of Electronic Interfaces Enhancements

Attachment H
February 1998

SWB OSS CLEC PROBLEM/REQUEST	SWB RESOLUTION
CLEC requested that when an address validation occurs that a field be presented to show whether an extended calling area was available. (May 1997)	SWB changed back office application to show whether extended calling area was available for the validated address. (December 1997)
CLEC requested that they no longer have to provide the name of the person authorizing the viewing of a customer CSR. (June 1997)	SWB made the required field optional. (June 1997)
CLEC requesteds that the Dispatch function be allowed to check for up to 9999 facilities. (July 1997)	SWB made changes to code and documentation. (September 1997)
CLEC requested test address with -1/2 suffix on the address number. (August 1997)	SWB changed back office application test data for this type of address. Documentation was changed to add this type of address. (September 1997)
CLEC requested clarification on the fields and business rules regarding address validation, telephone number selection, and CSR. (August 1997)	SWB provided answers to CLEC and documentation was updated. (September 1997)
CLEC requested that interLATA or intraLATA only PIC information appear on PIC list retrieval. (August 1997)	SWB changed back office application to include the tag "INTER" or "INTRA" for a test address. (December 1997)
CLEC requested clarification on fields returned for the following functions: Due Date and Address Validation. (September 1997)	SWB gave CLEC an explanation and the next release of documentation was updated with additional information. (September 1997)
CLEC requests that some proprietary fields in the address validation function become non-proprietary. (September 1997)	SWB made changes to make some proprietary fields non-proprietary. Documentation updated. (December 1997)
CLEC found that when requesting all CSR information associated with a working telephone number, all working telephone numbers were being received, but errors occurred when circuit information was encountered. (October 1997)	SWB found error in the code and improved CSR retrieval. (November 1997)
CLEC found that when requesting a CSR, city/state information was missing. (October 1997)	SWB found that the "master" billing telephone number was not being retrieved. SWB modified to retrieve MBN which solved the problem. (November 1997)
CLEC found that they could assign a telephone number outside of SWB territory. (November 1997)	SWB changed service to disallow address validation/telephone number selection on addresses outside of SWB territory. (December 1997)